

CIC #: 99EPA SUPERFUND

Billed Date: 01-Mar-2011

Customer Order Number DW96957731

DIAMOND HEAD OU1 329881 BZ801

EPA 640

VOUCHER FOR TRANSFERS
BETWEEN APPROPRIATIONS AND/OR FUNDS (AR 37- 1)

Mission Assignment No:

D.O. Voucher No.

BU. Voucher No.

Bill No.

Paid By Check No.

Collection Vou. No.

27052418

Partial # 16 01-Feb-2011 Thru 01-Mar-2011

Billed Office (Mail To):

U S ENVIRONMENTAL PROTECTION AGENCY
ACCOUNTING OPERATIONS OFFICE
26 W MARTIN LUTHER KING DRIVE
CINCINNATI OH 45268-7002

Billing Office (Send Remittance To):

USACE FINANCE CENTER G5
KANSAS CITY DISTRICT G5
5720 INTEGRITY DRIVE

MILLINGTON TN 38054-5005

Billed Accounting Classification

68 NA X 8145.0000 2010 00 0000 012731 0000 00000

Billing Accounting Classification

\$2,886.91 96 NA X 3122.0000 G5 08 2416 868 012731 96231 \$2,886.91

Line Item	Moa	Description	Eaid No	Amount
1	INHOUSE - OTHER RESOURCES	SUPERFUND M&S		\$336.10
1	INHOUSE - LABOR	DEPARTMENTAL OVERHEAD COSTS		\$775.34
1	INHOUSE - LABOR	GENERAL AND ADMINISTRATIVE OVERHEAD COSTS		\$224.84
1	INHOUSE - LABOR	LABOR		\$1,550.63
Subtotal:				\$2,886.91

CORPS CERTIFICATION

"I CERTIFY THAT THE ABOVE ARTICLES WERE DELIVERED AND OR THE SERVICES PERFORMED AS STATED AND THAT THE PAYMENT REQUESTED IS CORRECT TO THE BEST OF MY KNOWLEDGE, AND SHOULD BE PAID AND CHARGED TO THE APPROPRIATION(S) OR FUNDS AS INDICATED."

27 Mar 11 Elizabeth A. Bucknicker

DATE

SIGNATURE

Elizabeth A. Bucknicker

Project Manager

Funds Authorized: \$174,000.00
Total Billed Amount: \$87,994.68
Prev Billed Amount: \$85,107.77
Current Billed Amount: \$2,886.91
Total Flux Billed: \$0.00
Prev Flux Billed: \$0.00
Current Flux Billed: \$0.00

CERTIFICATE OF OFFICE BILLED

I certify that the above articles were received and accepted or the services performed as stated and should be charged to the appropriation(s) and/or fund(s) as indicated above, or that the advance payment requested is approved and should be paid as indicated.

Date:

Authorized Administrative or Certifying Officer

Accounts Of

Facility: Diamond Head Oil OU1
A/C#: DW96942111-01-5
RPM: Grisell Diaz-Cotto
Date: 04/08/2011

PROGRESS REPORT

KANSAS CITY DISTRICT
DIAMOND HEAD OIL REFINERY, NJ

IA Number: DW96957731

MONTHLY REPORT FOR FEBRUARY 2011

	Revised Reimbursable (96X3122)	Direct Fund Cite	IA Totals (96X3122)
STATEMENT OF CHARGES FOR PERIOD:			
Total Funds Authorized:	\$174,000.00	\$1,046,000.00	\$1,220,000.00
Less Total Expenditures: (-)	\$87,994.68	\$247,747.92	\$335,742.60
Less Undelivered Orders: (-)	\$0.00	\$798,252.08	\$798,252.08
Less Commitments: (-)	\$25,880.85	\$0.00	\$25,880.85
Funds Available Balance:	\$60,124.47	\$0.00	\$60,124.47

BILLING ACTIVITY (96X3122):	
Bill Number: 27052418	
Funds Expended During Report Period:	\$2,886.91
Total Billed to Date:	\$87,994.68
DIRECT FUND CITE PAYMENTS:	
Funds Expended During Report Period:	\$21,456.31
Total Expended to Date:	\$247,747.92

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99EPA

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Date: 02-MAR-2011

KANSAS CITY DISTRICT
DIAMOND HEAD OIL REFINERY, NJ

PROGRESS REPORT

LA Number: DW96957731

Bill Number: 27052418

Bill Invoice Date: 01-MAR-2011

Monthly Billing Amount(96X3122): \$2,886.91

Monthly Direct Fund Cite Contract Cost(68X8145): \$21,456.31

Budget Categories	Costs for Current Month	Prior Month's Summary	Project Costs to Date
a Personnel	\$1,000.40	\$28,484.24	\$29,484.64
b Fringe Benefits	\$550.23	\$15,064.64	\$15,614.87
c Travel	\$0.00	\$9,654.16	\$9,654.16
d Equipment	\$0.00	\$0.00	\$0.00
e Supplies	\$0.00	\$0.00	\$0.00
f Procurement	\$0.00	\$0.00	\$0.00
g Construction	\$0.00	\$0.00	\$0.00
h Other	\$336.10	\$4,299.40	\$4,635.50
i Total Direct Charges	\$1,886.73	\$57,502.44	\$59,389.17
j Total Indirect Charges	\$1,000.18	\$27,605.33	\$28,605.51
k TOTAL	\$2,886.91	\$85,107.77	\$87,994.68

LABOR BREAKOUT FOR MONTH:

Individual	Location	Function	Hours	Labor Amount
SHELLY M ALLEN	KANSAS CITY DISTRICT	PROGRAM ANALYST	6.00	\$571.72
ELIZABETH BUCKRUCKER	KANSAS CITY DISTRICT	HTRW PROJECT MANAGER	5.50	\$696.41
GREGORY NE HATTAN	KANSAS CITY DISTRICT	GEOLOGIST	10.00	\$896.74

PROGRESS REPORT

KANSAS CITY DISTRICT
DIAMOND HEAD OIL REFINERY, NJ

LABOR BREAKOUT FOR MONTH:

<u>Individual</u>	<u>Location</u>	<u>Function</u>	<u>Hours</u>	<u>Labor Amount</u>
SANDRA A. DODGEN	KANSAS CITY DISTRICT	SECRETARY (OA)	0.75	\$37.31
DAVID M EVANS	KANSAS CITY DISTRICT	CHEMIST	1.50	\$142.95
JULIA K KISSER	KANSAS CITY DISTRICT	SUPV. GEOLOGIST	0.50	\$66.94
JASON R. L'ECUYER	KANSAS CITY DISTRICT	CHEMICAL ENGINEER	1.50	\$138.74
TOTAL LABOR:			25.75	\$2,550.81

PROGRESS REPORT

KANSAS CITY DISTRICT
DIAMOND HEAD OIL REFINERY, NJ

IA Number: DW96957731AA

MONTHLY REPORT FOR FEBRUARY 2011

	Revised Reimbursable (96X3122)	Direct Fund Cite	IA Totals (96X3122)
STATEMENT OF CHARGES FOR PERIOD:			
Total Funds Authorized:	\$174,000.00	\$1,046,000.00	\$1,220,000.00
Less Total Expenditures: (-)	\$87,994.68	\$247,747.92	\$335,742.60
Less Undelivered Orders: (-)	\$0.00	\$798,252.08	\$798,252.08
Less Commitments: (-)	\$25,880.85	\$0.00	\$25,880.85
Funds Available Balance:	\$60,124.47	\$0.00	\$60,124.47

BILLING ACTIVITY (96X3122):	
Bill Number: 27052419	
Funds Expended During Report Period:	\$2,886.91
Total Billed to Date:	\$87,994.68
DIRECT FUND CITE PAYMENTS:	
Funds Expended During Report Period:	\$21,456.31
Total Expended to Date:	\$247,747.92

PROGRESS REPORT

KANSAS CITY DISTRICT
DIAMOND HEAD OIL REFINERY, NJ

IA Number: DW96957731AA

Bill Number: 27052419
Bill Invoice Date: 01-MAR-2011

Monthly Billing Amount(96X3122): \$2,886.91

Monthly Direct Fund Cite Contract Cost(68X8145): \$21,456.31

Budget Categories	Costs for Current Month	Prior Month's Summary	Project Costs to Date
a Personnel	\$0.00	\$0.00	\$0.00
b Fringe Benefits	\$0.00	\$0.00	\$0.00
c Travel	\$0.00	\$0.00	\$0.00
d Equipment	\$0.00	\$0.00	\$0.00
e Supplies	\$0.00	\$0.00	\$0.00
f Procurement	\$0.00	\$0.00	\$0.00
g Construction	\$0.00	\$0.00	\$0.00
h Other	\$0.00	\$0.00	\$0.00
i Total Direct Charges	\$0.00	\$0.00	\$0.00
j Total Indirect Charges	\$0.00	\$0.00	\$0.00
k TOTAL	\$0.00	\$0.00	\$0.00
TOTAL LABOR:		0.00	\$0.00

Progress Report for EPA Region II

Site:	Diamond Head Oil Refinery, NJ Remedial Design Operable Unit 1			Phase:	Remedial Design – OU1	
Bill No.:	27052418; Partial #16	IAG No.:	DW96957731/BZ801 IAG Award Date: 12/02/09	IAG Expiration Date:	Other Corps P2: 329881/FWI: G0C947 11/30/11	
Reporting Period:	From: February 1, 2011	To: March 1, 2011	EPA RPM Grisell Diaz-Cotto		USACE PM Elizabeth Buckrucker	

Work Performed	
<i>This Period</i>	<ul style="list-style-type: none"> Task Order 0004 Invoices. On 14 Feb 11, reviewed and approved Invoice 10, totaling \$21,456.31, for period 27 Nov 10 – 31 Dec 10. Funding. Future requirements require additional discussion and decisions regarding both bench scale testing and OU2 sampling impacts before needs are identified. No short term funding needs. Pre-Design Investigation (PDI). <ul style="list-style-type: none"> On 2 Feb 11, received preliminary dioxin results from the bench scale soils that were submitted under OU2. Dioxin was detected and soils exceed TEQ screening levels. On 3 Feb 11, conference call held with EPA and CH2 for an update of all current actions. Provided summary of activities which includes: <ul style="list-style-type: none"> Month 3 of chemical analysis on bench scale soil will be postponed. PLFA Analysis will be performed on the bench scale column soils. CH2 to provide a summary of the proposed soil characterization for the “medium” and “low” soils. On 4 Feb 11, received the proposed scope and cost for the PLFA and medium and low soil characterization analysis. On 4 Feb 11, G. Hattan discussed the bench scale results with an expert research microbiologist colleague to request informal opinion of the recent findings. Shared this opinion with G. Diaz-Cotto. On 9 Feb 11, met with J. Hess and discussed project status and the issues that require further team examination and resolution as the bench scale testing progresses. ON 23 Feb 11, received the final (not validated) dioxin results from bench scale soils (OU2). The levels do exceed TEQ screening levels. Schedule. The current project schedule is dated 30 Nov 10. Further updates are pending decisions on some of the changes to project tasks. Contract Task Order 0004; WVN5. <ul style="list-style-type: none"> On 18 Feb 11, draft WVN5 was submitted for approval. Reviewed draft and discussed with J. Hess. On 1 Mar 11, WVN5 was approved. Preparation of Progress Report and Project Expenditures spreadsheet.
<i>Key Meetings This Period</i>	<ul style="list-style-type: none"> Conference calls held are noted in progress portions of this report.
<i>Key Contract Milestones Completed to Date</i>	<ul style="list-style-type: none"> 2 Dec 2009; New IA funding received totaling \$300,000 10 Feb 2010; Base Task Order 0002 awarded, totaling \$255,000. 6 Apr 2010, IA Amendment #1 funding received totaling \$170,000; for total IA value of \$470,000. 13 Aug 2010, Task Order 0002, Modification 1 was awarded for \$141,000. 29 Sep 2010; IA Amendment #2 funding received totaling \$750,000; for total IA value of \$1,220,000. 2 Nov 2010; Task Order 0002; Modification 2 was awarded for \$650,000

Progress Report for EPA Region II

<i>Contractor Actions/ Accomplishments</i>	<ul style="list-style-type: none"> • Management tasks included communication and invoicing. Prepared and submitted WVN5. • Participated in conference call to discuss the PLFA analysis and subsequently collected samples and shipped to the lab. • Collected and shipped samples from medium and low soils for characterization analysis. • Continue to implement the bench scale test and weekly sampling. • Details of the CH2 work during this period are contained in the CH2M Hill Progress Report Number 12 for February 2011.
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Projected Work, Meetings Milestones through next FY.

<i>Narrative</i>	<ul style="list-style-type: none"> • Work planned for FY11 and completed actions to date includes: <ul style="list-style-type: none"> ○ Pre-Design Investigation LNAPL Sampling (occurred 27 Sep 10 – 1 Oct 10) ○ Phase 1 Bench Scale Study (began 12 November 2010) <ul style="list-style-type: none"> ▪ PLFA Analysis (planned to begin in February 2011) ○ Phase 1 Bench Scale report/Phase 2 Bench Scale determination (meeting planned for April 2011) ○ Pre-Design Field Investigation (on hold)
<i>Meetings</i>	<ul style="list-style-type: none"> • TBD; no specific meetings set
<i>Key Milestones Forthcoming</i>	<ul style="list-style-type: none"> • 5 May 2010 –Final Data Needs Technical Memorandum submitted (complete) • 31 Aug 2010 –Final Pre-Design Investigation Work Plan submitted (complete) • The below dates are interim milestones and future estimates as the schedule continues to evolve with changes in the planned approach for both Phase 1 and 2 bench scale test. • 24 January 2011: Received Phase 1 bench scale (month 1) results • 23 February 2011: Received final dioxin results from bench scale soils (collected under OU2). • ~March 2011: Receive Phase 1 bench scale month 2 lab results • ~late March/early April 2011: Submit Draft Phase 1 Bench Scale test results • 6 April 2011: Meeting to discuss Phase 1 Results/Phase 2 discussion and decision

Issues

<i>Technical:</i>	<ul style="list-style-type: none"> • Phase 1 Bench Scale technical issues which are currently being discussed among the team: <ul style="list-style-type: none"> ○ High Soil pH ○ CO2 production minimal ○ VOC levels not decreasing
<i>Schedule:</i>	<ul style="list-style-type: none"> • The current schedule is dated 30 November 2010 and does not reflect the current status. The update will occur when more Phase 1 information is available to make future decisions on bench scale tests and other analysis occurring.
<i>Funding:</i>	<ul style="list-style-type: none"> • No immediate funding needs. Future funding requirements will be determined as the bench scale progresses and the timing of future tasks are more clearly determined. Do not anticipate additional funding needed in FY11.

IAG Summary

Amendment Funding				Cumulative Funding		
USACE	Direct Fund Cite	Amend #	Date	USACE	Direct Fund Cite	Total IAG
\$45,000	\$255,000	Initial	12/2/09	-	-	\$300,000
\$29,000	\$141,000	1	4/6/10	\$74,000	\$396,000	\$470,000
\$100,000	\$650,000	2	9/29/10	\$174,000	\$1,046,000	\$1,220,000

Progress Report for EPA Region II

Expenditures: USACE and Direct Fund Cite				
Summary of Funds Spent Per Activity & Funding Remaining				
Description	Funds for Activity	Funds Disbursed this Month	Funds Disbursed to Date	Funds Not Disbursed
Contract - CH2M Hill W912DQ-08-D-0016; Task Order 0004 - awarded 10 Feb 10	\$255,000.00	\$21,456.31	\$247,747.92	\$7,252.08
Contract - CH2M Hill W912DQ-08-D-0016; Task Order 0004/Mod 1 - awarded 13 Aug 10	\$141,000.00	\$0.00	\$0.00	\$141,000.00
Contract - CH2M Hill W912DQ-08-D-0016; Task Order 0004/Mod 2 - awarded 2 Nov 10	\$650,000.00	\$0.00	\$0.00	\$650,000.00
Subtotal - Summary of DFC Contract Dollars	\$1,046,000.00	\$21,456.31	\$247,747.92	\$798,252.08
Kansas City Corps In-House Labor/Travel	\$156,900.00	\$2,550.81	\$83,359.18	\$73,540.82
Superfund M&S Fee	\$17,100.00	\$336.10	\$4,635.50	\$12,464.50
Subtotal - Labor/M&S	\$174,000.00	\$2,886.91	\$87,994.68	\$86,005.82
Grand Total - Contract/Corps	\$1,220,000.00	\$24,343.22	\$335,742.60	\$884,257.40

IAG Project Description (block 12 of IA)

Base IA: USACE Kansas City District (DOD964126) to perform Remedial Design activities for Operable Unit 1 at the Diamond Head Oil Superfund Site (EPA Site D#NJ092226000).

Project Delivery Team

Name	Contact Information	Responsibility
Beth Buckrucker	(816) 389-3581 Cell: (816) 695-5797	Project Manager
Greg Hattan	(816) 389-3579	Project Geologist
Dave Evans	(816) 389-3857	Project Chemist
Jason L'Ecuier	(816) 389-3908	Project Process Engineer
Bonnie Lowe	(816) 389-3803	Contract Specialist
Trudy Shannon	(816) 389-3822	Contracting Officer
Scott Young	(816) 389-3589	Contracting Officer Representative

Prepared by:
Elizabeth Buckrucker
Project Manager
27 March 2011